

Math and Science Reading List 2017 by Stephen Cox

Volume 2 including Education, History of Math, and Instructional Design

2017 Cognitive Structure

An introduction to cognitive linguistics, F Ungerer, HJ Schmid - 2013

Attitude structure and function, AR Pratkanis, SJ Breckler, AG Greenwald - 2014

Children's Logical and Mathematical Cognition: Progress in Cognitive Development Research, CJ Brainerd - 2012

Cognitive construction grammar, HC Boas - The Oxford handbook of construction grammar, 2013 - oxfordhandbooks.com

Cognitive control over learning: creating, clustering, and generalizing task-set structure, AGE Collins, MJ Frank - Psychological review, 2013 - doi.apa.org

Cognitive diagnostic attribute-level discrimination indices, R Henson, L Roussos, J Douglas... - Applied Psychological ..., 2008 - journals.sagepub.com

Cognitive economics: an interdisciplinary approach, P Bourguine, JP Nadal - 2013

Cognitive grammar: A basic introduction, RW Langacker - 2008

Cognitive load theory, educational research, and instructional design: some food for thought, T De Jong - Instructional science, 2010 - Springer

Cognitive models of psychological time, RA Block - 2014

Cognitive neuropsychology: A clinical introduction, RA McCarthy, EK Warrington - 2013

Cognitive ontology and region-versus network-oriented analyses, C Klein - Philosophy of Science, 2012 - journals.uchicago.edu

Cognitive processes in writing, LW Gregg, ER Steinberg - 2016

Cognitive responses in persuasion, R Petty, TM Ostrom, TC Brock - 2014

Cognitive semantics: An overview, L Talmy - Semantics: An international handbook of natural ..., 2011 - wings.buffalo.edu

Cognitive social structures in social network research: A review, RA Brands - Journal of Organizational Behavior, 2013 - Wiley Online Library

Cognitive tools for learning, A Ferreira, PAM Kommers, DH Jonassen, JT Mayes - 2012

Concepts and categories: A cognitive neuropsychological perspective, BZ Mahon, A Caramazza - Annual review of psychology, 2009 - annualreviews.org

Conceptual change and student-centered learning environments, DH Jonassen, MA Easter - Theoretical foundations of learning ..., 2012

Conceptual change: a discussion of theoretical, methodological and practical challenges for science education, DF Treagust, R Duit - Cultural Studies of Science Education, 2008 - Springer

Conceptual resources for learning science: Issues of transience and grain-size in cognition and cognitive structure, KS Taber - *International Journal of Science Education*, 2008 - Taylor & Francis

Culture and cognitive development: Studies in mathematical understanding, GB Saxe - 2015

From brain maps to cognitive ontologies: informatics and the search for mental structure, RA Poldrack, T Yarkoni - *Annual review of psychology*, 2016 - annualreviews.org

Human reasoning and cognitive science, K Stenning, M Van Lambalgen - 2012

Individual cognitive structures and collaboration patterns in academia, B Ozel - *Scientometrics*, 2012 - akademiai.com

Individual differences in anthropomorphic attributions and human brain structure, H Cullen, R Kanai, B Bahrami... - *Social cognitive and ...*, 2014 - scan.oxfordjournals.org

Interorganizational imitation heuristics arising from cognitive frames, R Nikolaeva - *Journal of Business Research*, 2014 - Elsevier

Language in the aging brain: The network dynamics of cognitive decline and preservation, MA Shafto, LK Tyler - *Science*, 2014 - science.sciencemag.org

Making the social world: The structure of human civilization, J Searle - 2010

Mathematical models of attitude change: Change in single attitudes and cognitive structure, JE Hunter, JE Danes, SH Cohen - 2014

Mathematics, the ultimate challenge to embodiment: Truth and the grounding of axiomatic systems, R Núñez - *Handbook of cognitive science: An embodied ...*, 2008

Measuring cognitive reserve based on the decomposition of episodic memory variance, BR Reed, D Mungas, ST Farias, D Harvey, L Beckett... - *Brain*, 2010 - Oxford Univ Press

Mental models: an interdisciplinary synthesis of theory and methods, N Jones, H Ross, T Lynam, P Perez... - *Ecology and ...*, 2011 - ecologyandsociety.org

Metonymy and cognitive operations, FJR de Mendoza Ibañez - *Defining metonymy in cognitive ...*, 2011

Modeling of cognitive structure of uncertain scientific concepts using fuzzy-rough sets and intuitionistic fuzzy sets: Example of the life concept, N Yorek, S Narli - ... *Journal of Uncertainty, Fuzziness and Knowledge ...*, 2009 - World Scientific

Multifractal dynamics in the emergence of cognitive structure, JA Dixon, JG Holden, D Mirman... - *Topics in Cognitive ...*, 2012 - Wiley Online Library

New avenues in opinion mining and sentiment analysis, E Cambria, B Schuller, Y Xia... - *IEEE Intelligent ...*, 2013 - ieeexplore.ieee.org

Ontology and alternative languages, E Hirsch - 2009 - philpapers.org

Principles of visual attention: Linking mind and brain, C Bundesen, T Habekost - 2008 - philpapers.org

Representation and understanding: Studies in cognitive science, J Bobrow - 2014

Spatial cognition: Embodied and situated, B Tversky - 2009 - philpapers.org

Structure of decision: The cognitive maps of political elites, R Axelrod - 2015

The cognitive neuroscience of ageing, C Grady - *Nature Reviews Neuroscience*, 2012 - nature.com

The cognitive paradigm ontology: design and application, JA Turner, AR Laird - Neuroinformatics, 2012 - Springer

The cognitive side of social responsibility, D Secchi - Journal of Business Ethics, 2009 - Springer

The effect of peer feedback for blogging on college students' reflective learning processes, Y Xie, F Ke, P Sharma - The Internet and Higher Education, 2008 - Elsevier

The new psychology of language: Cognitive and functional approaches to language structure, M Tomasello - 2014

The origins and structure of quantitative concepts, CD Bonn, JF Cantlon - Cognitive Neuropsychology, 2012 - Taylor & Francis

The philosophy of literature, P Lamarque - 2008 - philpapers.org

The role of cognitive skills in economic development, EA Hanushek, L Woessmann - Journal of economic literature, 2008 - ingentaconnect.com

The theory underlying concept maps and how to construct and use them, JD Novak, AJ Cañas - Florida Institute for Human and Machine ..., 2008 - swwhs.org

Visualizing scientific inference, DC Gooding - Topics in Cognitive Science, 2010 - Wiley Online Library